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10 February 2004

## INTELLECTUAL PROPERTY LAW

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- Via E-Mail Attachment
- Please Acknowledge Receipt

Attorney Docket: P56974

22387 U.S.PTO  
10/774453021004  
Barcode**Mail Stop: Patent Application**

Commissioner for Patents  
 Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

**Inventor:** 1) SHIN-WOONG KAY

**Title:** CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES ABNORMALLY

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 5 sheets, Figures 1 through 6

Claim of priority under 35 U.S.C. §119: YES

\*\* The Republic Of Korea Application No. 2003-9645 filed on 15 February 2003.

**FEE (see formula below): CHECKS ARE ENCLOSED (#45284 & #45285)**

Basic Fee \$385/770 .....	\$770.00
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**Additional Fees:**

Total number of claims in excess of 20: <u>13</u> times \$9/18 .....	\$234.00
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Number of independent claims in excess of 3: <u>2</u> times \$43/86 .....	\$172.00
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Multiple Dependent Claims \$145/290 .....	\$0.00
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An Assignment is likewise enclosed: Recording Fee \$40 ..	\$40.00
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Filing Non-English specification .....	\$0.00
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<b>TOTAL FEES FOR THE ABOVE APPLICATION .....</b>	<b>\$1,216.00</b>
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Commissioner for Patents  
10 February 2004  
Page Two

Docket No.: P56974

Inventor: 1) SHIN-WOONG KAY

Title: **CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES ABNORMALLY**

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
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Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
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REB/sb

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>U.S. PATENT FEE TRANSMITTAL</b>				<b>Complete If Known</b>																																																																																																																																																																																																																																																																																																							
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1401	330	2401	165	Notice of Appeal	\$																																																																																																																																																																																																																																																																																																						
1402	330	2402	165	Filing a brief in support of an appeal	\$																																																																																																																																																																																																																																																																																																						
1403	290	2403	145	Request for oral hearing	\$																																																																																																																																																																																																																																																																																																						
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$																																																																																																																																																																																																																																																																																																						
1452	110	2452	55	Petition to revive - unavoidable	\$																																																																																																																																																																																																																																																																																																						
1453	1,330	2453	665	Petition to revive - unintentional	\$																																																																																																																																																																																																																																																																																																						
1501	1,330	2501	665	Utility issue fee (or reissue)	\$																																																																																																																																																																																																																																																																																																						
1502	480	2502	240	Design issue fee	\$																																																																																																																																																																																																																																																																																																						
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